LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094125.D
Acq On : 3 Apr 2017 17:15
Operator : SJ/MA
Sample : I2501-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.034	361	365	376	rBV	303247	403680	8.72%	0.976%
2	4.428	427	432	435	rBV	3780596	3930829	84.90%	9.506%
3	5.493	607	613	616	rBV	3250052	4093517	88.41%	9.899%
4	5.634	631	637	640	rBV	3958267	4202179	90.76%	10.162%
5	5.887	676	680	683	rBV	1134336	1065825	23.02%	2.577%
6	6.063	705	710	714	rBV	3168275	3254221	70.28%	7.869%
7	6.534	783	790	793	rBV	2388653	2709713	58.52%	6.553%
8	7.387	930	935	939	rBV	1453002	1466858	31.68%	3.547%
9	8.716	1153	1161	1164	rBV	3763232	4630198	100.00%	11.197%
10	8.892	1186	1191	1198	rVB	96834	103444	2.23%	0.250%
11	9.204	1239	1244	1248	rBV	363345	367272	7.93%	0.888%
12	9.528	1289	1299	1304	rBV2	1539078	1671185	36.09%	4.041%
13	10.122	1395	1400	1405	rVB	86047	80628	1.74%	0.195%
14	10.504	1459	1465	1469	rBV	2356646	2683646	57.96%	6.490%
15	10.704	1496	1499	1502	rBV	94664	105957	2.29%	0.256%
16	11.263	1589	1594	1597	rBV	67184	66413	1.43%	0.161%
17	11.351	1604	1609	1613	rBV2	1578475	1640732	35.44%	3.968%
18	11.698	1664	1668	1680	rBV	461923	595961	12.87%	1.441%
19	12.716	1837	1841	1850	rBV	587058	850947	18.38%	2.058%
20	12.774	1850	1851	1859	rVV3	51775	64815	1.40%	0.157%
21	12.845	1859	1863	1868	rVB	83634	90163	1.95%	0.218%
22	13.116	1906	1909	1913	rVB	73001	77256	1.67%	0.187%
23	13.339	1938	1947	1950	rBV	3272444	3958837	85.50%	9.573%
24	13.927	2043	2047	2052	rBV2	54310	94843	2.05%	0.229%
25	14.057	2064	2069	2073	rBV3	37758	51365	1.11%	0.124%
26	14.504	2140	2145	2155	rBV	132696	298607	6.45%	0.722%
27	14.604	2157	2162	2166	rVV	1388329	1550429	33.49%	3.749%
28	14.657	2169	2171	2177	rVB	85086	85540	1.85%	0.207%
29	16.233	2434	2439	2448	rVB	960624	1157983	25.01%	2.800%

Sum of corrected areas: 41353043

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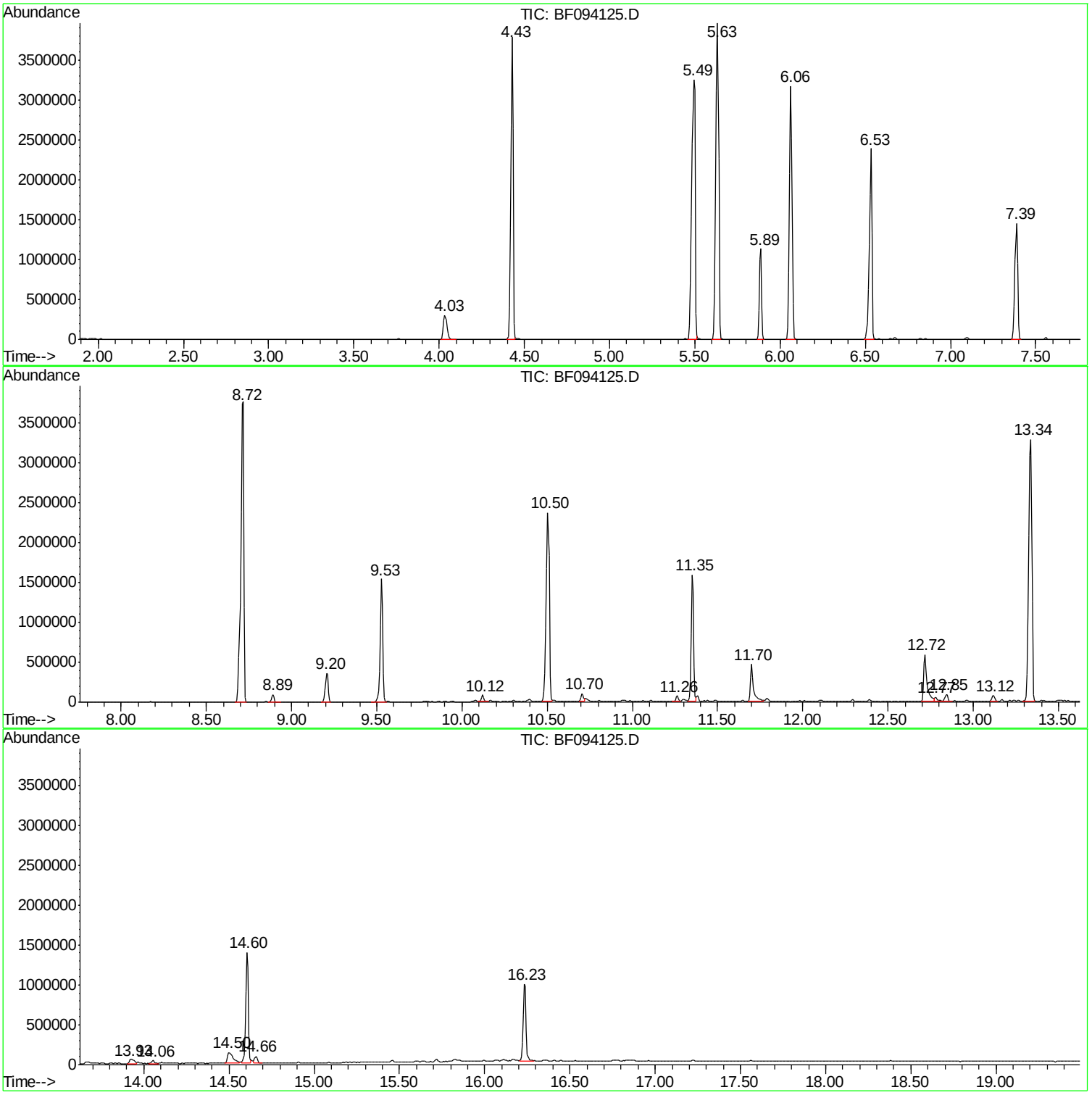
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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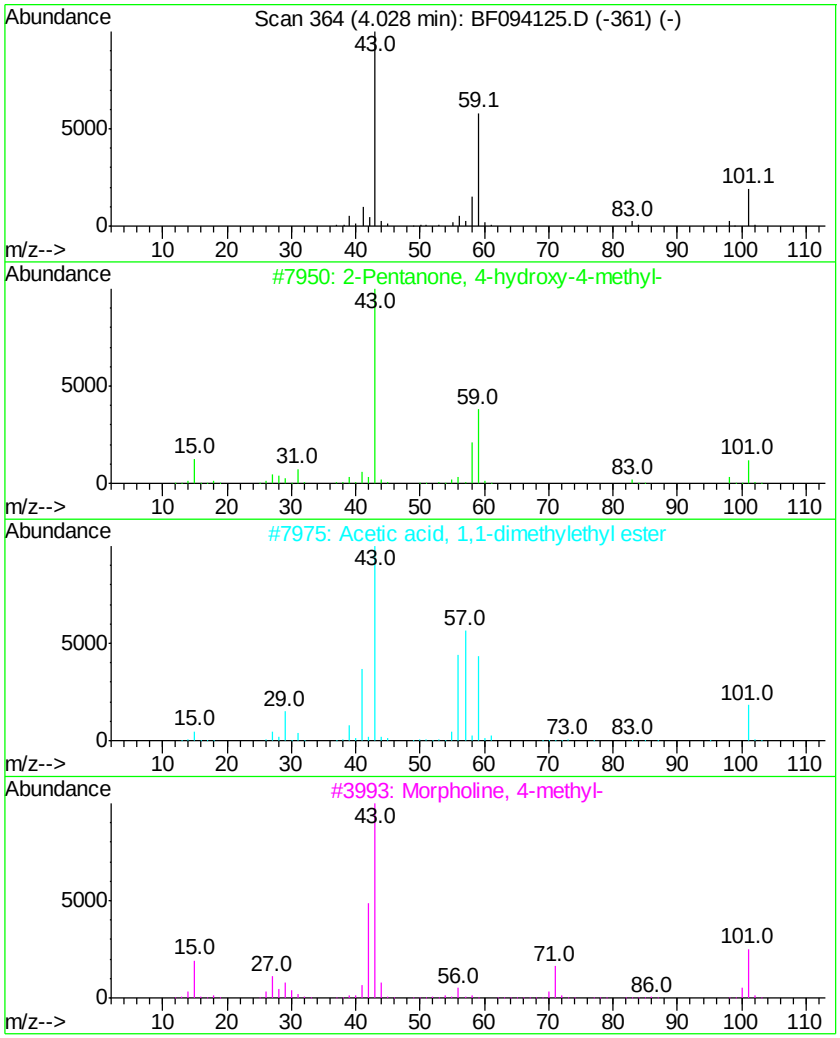
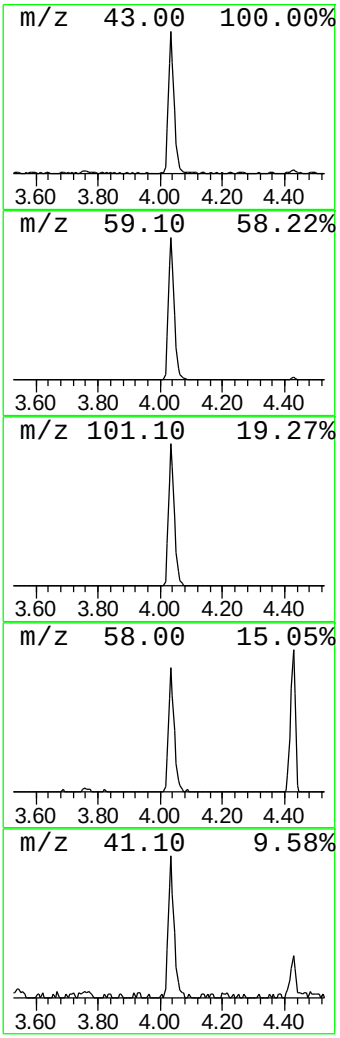
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	7.57 ng	403680	1,4-Dichlorobenzene-d4	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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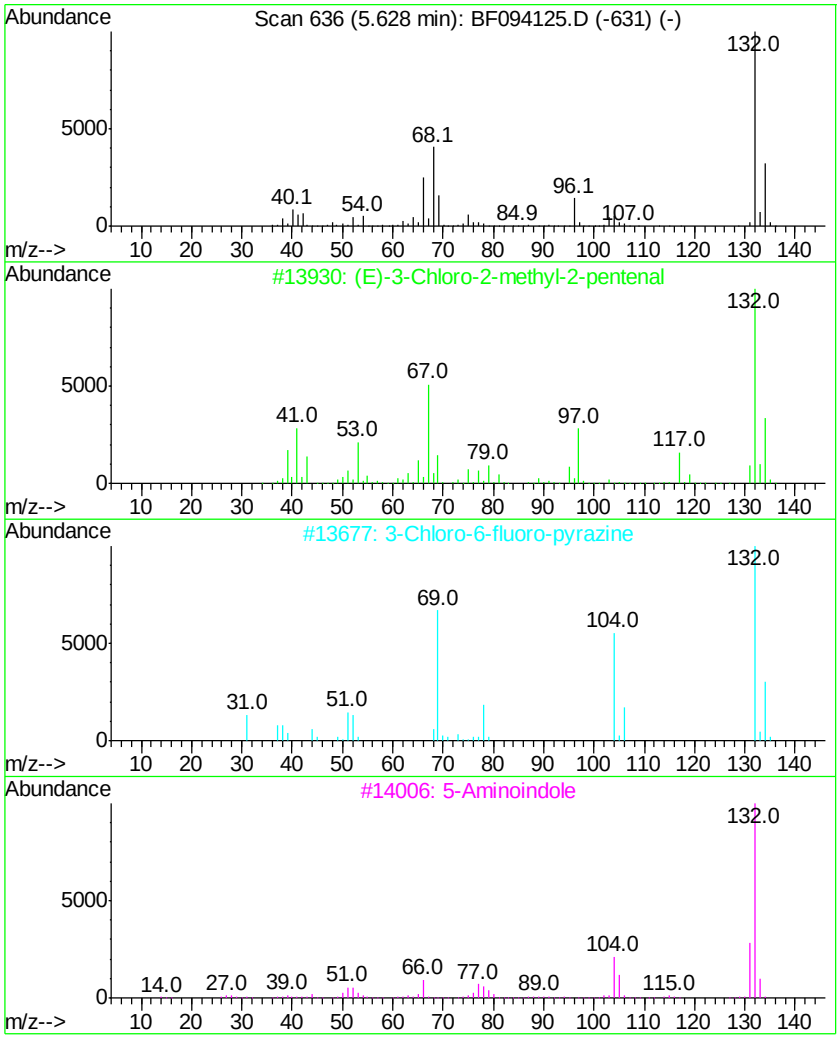
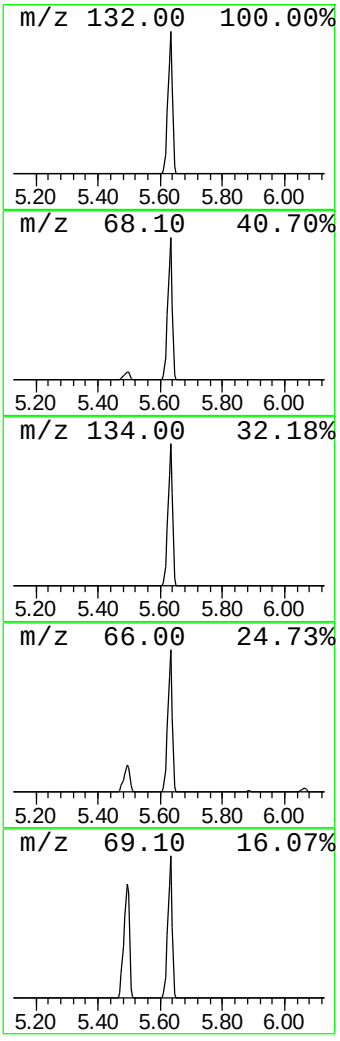
Peak Number 2 unknown5.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	78.85 ng	4202180	1,4-Dichlorobenzene-d4	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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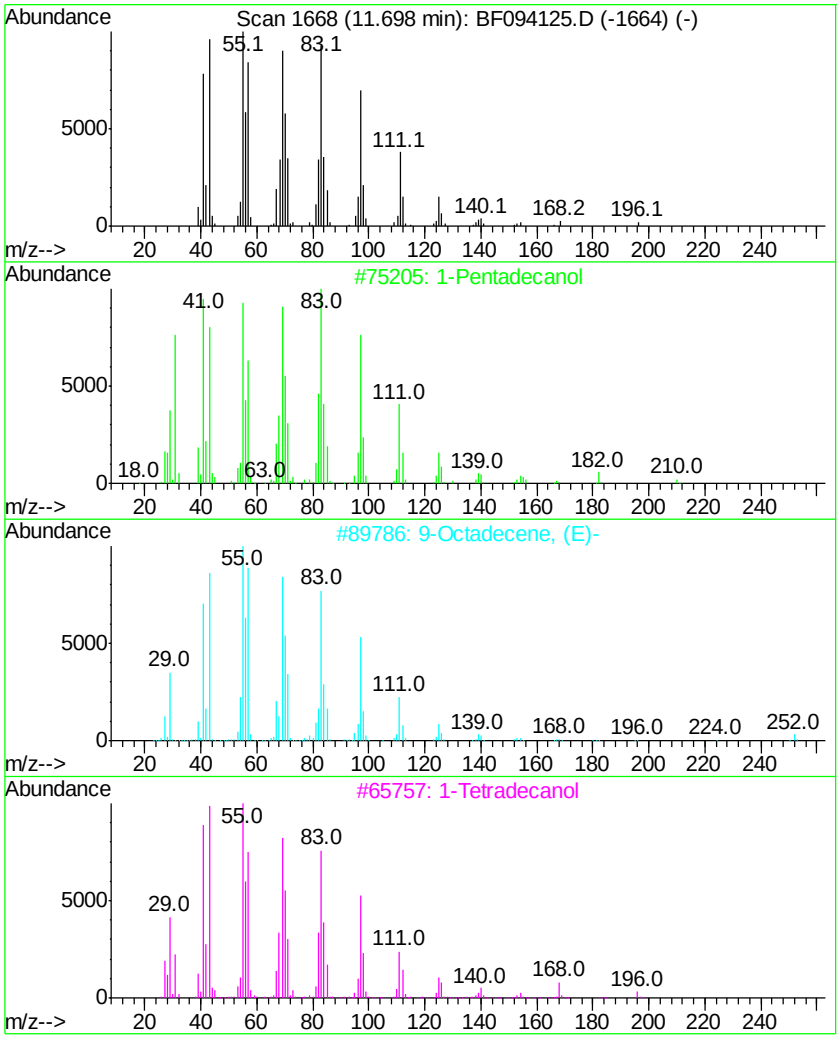
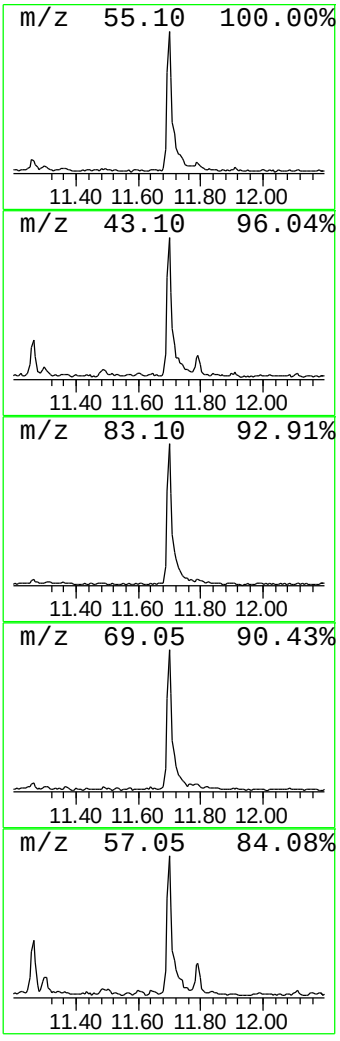
Peak Number 4 1-Pentadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	7.26 ng	595961	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanol	228	C15H32O	000629-76-5	91
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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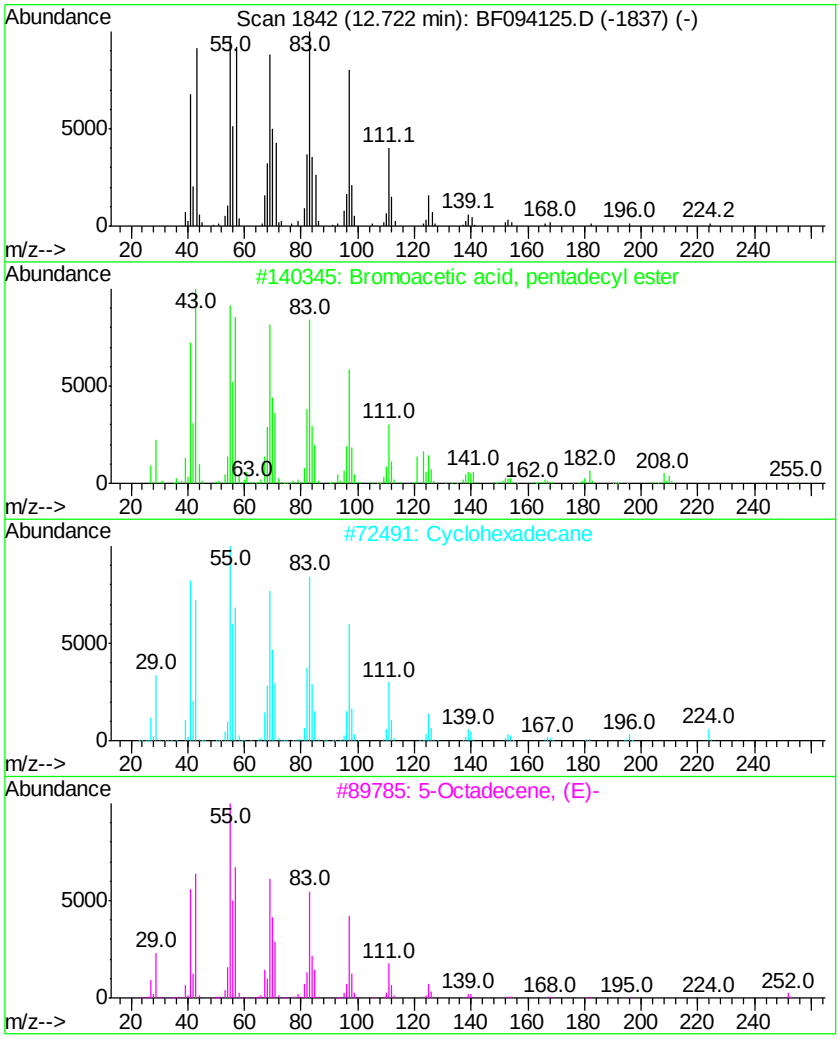
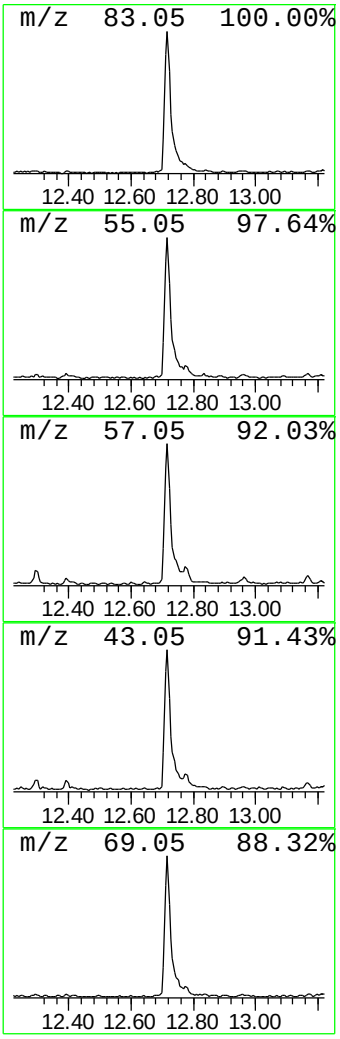
Peak Number 5 Bromoacetic acid, pentadecy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	10.37 ng	850947	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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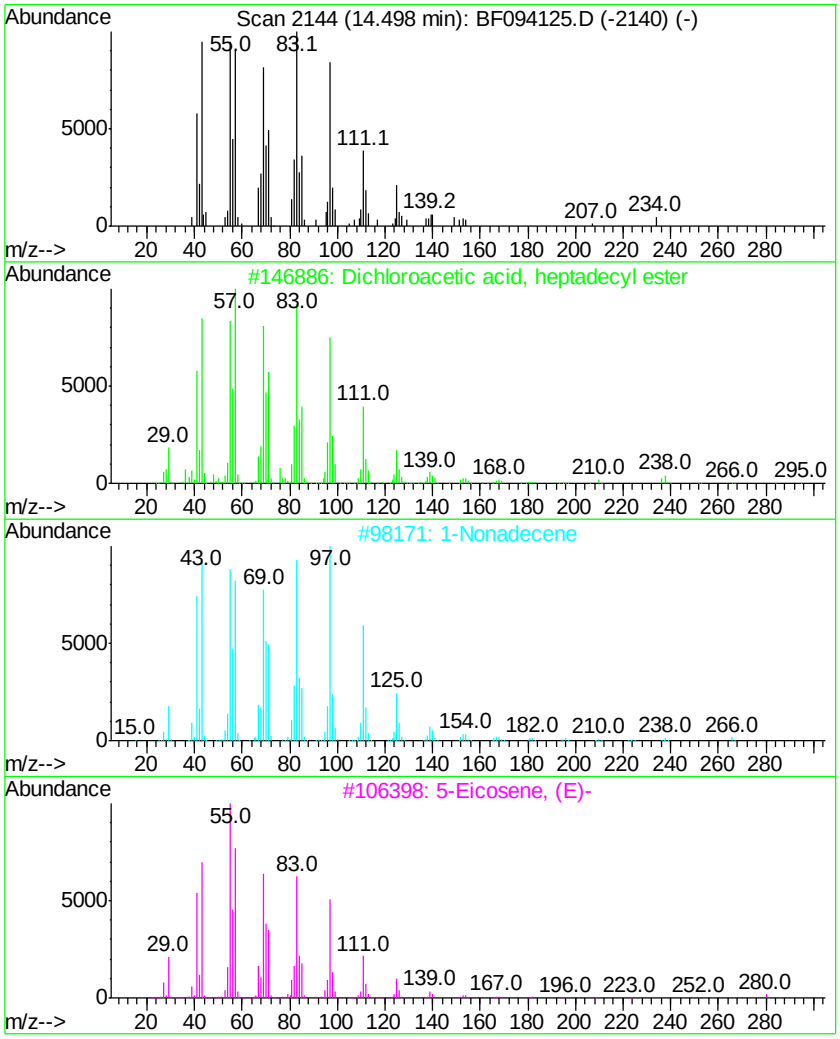
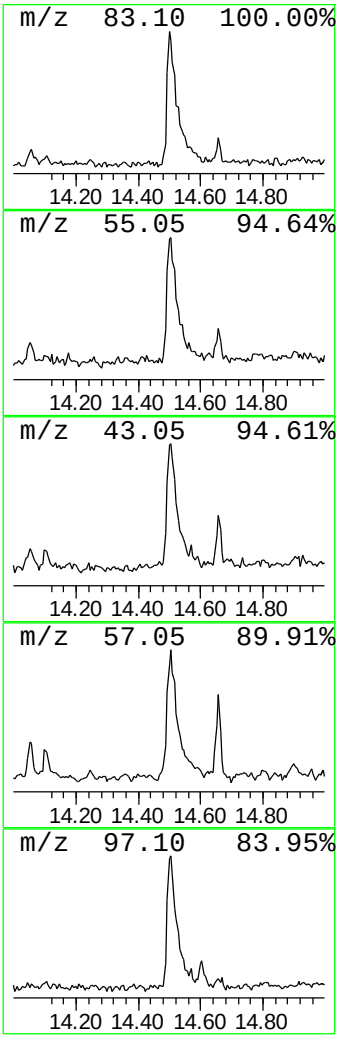
Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.85 ng	298607	Chrysene-d12	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.03	7.6	ng	403680	1	5.89	1065830	20.0
unknown5.63	5.63	78.8	ng	4202180	1	5.89	1065830	20.0
1-Pentadecanol	11.70	7.3	ng	595961	4	11.35	1640730	20.0
Bromoacetic acid,...	12.72	10.4	ng	850947	4	11.35	1640730	20.0
Dichloroacetic ac...	14.50	3.9	ng	298607	5	14.60	1550430	20.0